ABSTRACT OF THE DISCLOSURE

A method of controlling vehicles parked in a parking system. A user sends a user-specific code to a parking system computer via a mobile telephone system when beginning and terminating a parking period. The identity of the parking zone concerned is sent to the computer, in which a vehicle-specific code is stored and is tied to the user-specific code. A parking attendant uses a control unit for wirelessly fetching information concerning vehicles that have commenced but not terminated a parking period in the zone concerned. The control unit sends to a telephone coupled to the computer a voice message from the parking attendant that includes a vehicle registration number. The computer compares that registration number with the registration numbers of logged-in vehicles and sends to the control unit a voice message repeating the registration number and including information as to whether the vehicle is logged-in.